



ELSEVIER

Author Index

Alsberg, B.K.

Properties of local rank map vectors from multidetection chromatograms 137

Aminot, A., see Kérouel, R. 385

Anisimov, B., see Kuselman, I. 327

Ariyama, K., see Tatsuma, T. 297

Asari, T.P.S., see Raje, N. 211

Barceló, D.

— and Hennion, M.-C.

On-line sample handling strategies for the trace-level determination of pesticides and their degradation products in environmental waters 1

Barnard, W., see Che, Y. 103

Barnett, N.W.

—, Bowser, T.A., Gerardi, R.D. and Smith, B.

Determination of codeine in process streams using flow-injection analysis with chemiluminescence detection 309

Bart, G., see Suard, C. 261

Bastić, M.B., see Rajaković, L.V. 77

Bel'skii, N.V., see Rajaković, L.V. 77

Bowser, T.A., see Barnett, N.W. 309

Brñón, M.C., see Dabbene, V.G. 221

Cabalfín, L.M.

—, Rupérez, A. and Laserna, J.J.

Flow-injection analysis and liquid chromatography: surface-enhanced Raman spectrometry detection by using a windowless flow cell 203

Cabredo Pinillos, S.

—, Sanz Vicente, I., Galbán Bernal, J. and Sanz Asensio, J.

Determination of thiocyanate by carbonyl sulphide (OCS) generation and gas-phase molecular absorption spectrometry 377

Cai, R., see Huang, H. 63

Campillo, N., see Viñas, P. 319

Cerdà, A., see Oms, M.T. 251

Cerdà, V., see Oms, M.T. 251

Cerdan, B., see Suard, C. 261

Charpentier, L.

— and El Murr, N.

Amperometric determination of cholesterol in serum with use of a renewable surface peroxidase electrode 89

Che, Y.

—, Huang, J., Barnard, W. and Li, Y.

Photoinduced dimerization of thymine in microemulsion for UVB radiation exposure measurements 103

Cladera, A., see Oms, M.T. 251

Cruces-Blanco, C.

—, Segura-Carretero, A. and Fernández-Gutiérrez, A.

Experimental design applied to a room-temperature phosphorimetric method for the determination of acenaphthene in a microemulsion 357

Cumps, J., see Ritter, C. 125

Dabbene, V.G.

—, Brñón, M.C. and De Bertorello, M.M.

Determination of 3-chloro-N-chloro-(3,4-dimethyl-5-isoxazolyl)-4-amine-1,2-naphthoquinone in presence of its degradation products using second derivative spectrophotometry 221

Danzer, T.

— and Schwedt, G.

Chemometric methods for the development of a biosensor system and the evaluation of inhibition studies with solutions and mixtures of pesticides and heavy metals. Part 1. Development of an enzyme electrodes system for pesticide and heavy metal screening using selected chemometric methods 275

Davies, A.E.

— and Fogg, A.G.

Flow injection sandwich technique applied to indirect visible spectrophotometric determinations. Bromimetric and iodimetric determination of sulphite 55

Dawe, R., see Zhang, Y. 239

De Bertorello, M.M., see Dabbene, V.G. 221

Du, Y., see Huang, H. 63

El Murr, N., see Charpentier, L. 89

Esteves da Silva, J.C.G.

—, Machado, A.A.S.C. and Silva, C.S.P.C.O.

Simultaneous use of evolving factor analysis of fluorescence spectral data and analysis of pH titration data for comparison of the acid-base properties of fulvic acids 365

Farias, P.A.M., see Wang, J. 151

Farrington, W.H.H., see Tarbin, J.A. 95

Feinberg, M.H., see Suard, C. 261

Fernández-Gutiérrez, A., see Cruces-Blanco, C. 357

Fogg, A.G., see Davies, A.E. 55
 Forteza, R., see Oms, M.T. 251

Galbán Bernal, J., see Cabredo Pinillos, S. 377
 Gerardi, R.D., see Barnett, N.W. 309
 Gilliard, J.A., see Ritter, C. 125

Hennion, M.-C., see Barceló, D. 1
 Hernández Córdoba, M., see Viñas, P. 319
 Hidalgo, M.
 —, Montes, R., Laserna, J.J. and Rupérez, A.
 Surface-enhanced resonance Raman spectroscopy of 2-pyridylhydrazone and 1,10-phenanthroline chelate complexes with metal ions on colloidal silver 229

Horiuchi, T., see Niwa, O. 167
 Hu, C.-Y.
 — and Xu, L.
 A new topological index for the Changchun Institute of Applied Chemistry ^{13}C NMR information system 117

Huang, H.
 —, Cai, R., Du, Y., Lin, Z. and Zeng, Y.
 Micelle enhanced spectrofluorimetric assay for laccase activity by a flow-injection stopped-flow technique 63

Huang, J., see Che, Y. 103
 Huang, T., see Niwa, O. 167

Jin, W., see Zhao, X. 181
 Jokić, A., see Mihajlović, R. 287

Kaabí, H., see Maleki, N. 373
 Kayasth, S., see Raje, N. 211
 Kérouel, R.
 — and Aminot, A.
 Model compounds for the determination of organic and total phosphorus dissolved in natural waters 385

Kissinger, P.T., see Niwa, O. 167
 Korenaga, T.
 — and Sun, F.
 Determination of dissolved silica in waters by a flow-based analysis system composed of a laser diode and a thin long flow-through cell 195

Korenman, Y.I., see Rajaković, L.V. 77
 Kuselman, I.
 —, Anisimov, B., Turowsky, L. and Shenhar, A.
 The uncertainty of carbon dioxide determination in gaseous mixtures 327

Laserna, J.J., see Cabalín, L.M. 203
 Laserna, J.J., see Hidalgo, M. 229
 Lee, J.-D., see Lo, J.-M. 391
 Li, W., see Zhao, X. 181
 Li, Y., see Che, Y. 103
 Lin, Z., see Huang, H. 63
 Liu, S., see Zhang, Z. 271
 Liu, W., see Zhao, X. 181
 Lo, J.-M.
 — and Lee, J.-D.
 Determination of ^{60}Co in environmental water samples by a hydrous magnesium oxide filter 391

López García, I., see Viñas, P. 319
 Lu, J., see Wang, J. 151
 Lu, J.
 — and Zhang, Z.
 A reusable optical sensing layer for picric acid based on the luminescence quenching of the Eu-thienoylfluoroacetone complex 175

Lukaszewski, Z.
 —, Zembrzuski, W. and Piela, A.
 Direct determination of ultratraces of thallium in water by flow-injection-differential-pulse anodic stripping voltammetry 159

Machado, A.A.S.C., see Esteves da Silva, J.C.G. 365
 Maleki, N.
 —, Ramezani, Z. and Kaabi, H.
 Solid based titrimetry 373

Manninen, P.K.G., see Pantsar-Kallio, M. 335
 Marić, Lj.
 — and Široki, M.
 Extraction of 4-(2-pyridylazo)resorcinol and 4-(2-thiazolylazo)resorcinol with chloroform and tetraphenylarsonium and phosphonium chlorides 345

Mihajlović, Lj., see Mihajlović, R. 287
 Mihajlović, R.
 —, Simić, Z., Mihajlović, Lj., Jokić, A., Vukašinović, M. and Rakićević, N.
 Application of hydrogen–palladium and deuterium–palladium electrodes in the coulometric–potentiometric determination of bases in some dipolar aprotic solvents 287

Montes, R., see Hidalgo, M. 229
 Morita, M., see Niwa, O. 167
 Mourel, R.-M., see Suard, C. 261

Niwa, O.
 —, Horiuchi, T., Morita, M., Huang, T. and Kissinger, P.T.
 Determination of acetylcholine and choline with platinum-black ultramicroarray electrodes using liquid chromatography with a post-column enzyme reactor 167

Oms, M.T.
 —, Cerdà, A., Cladera, A., Cerdà, V. and Forteza, R.
 Gas diffusion techniques coupled sequential injection analysis for selective determination of ammonium 251

Oyama, N., see Tatsuma, T. 297

Pantsar-Kallio, M.
 — and Manninen, P.K.G.
 Speciation of chromium in aquatic samples by coupled column ion chromatography–inductively coupled plasma–mass spectrometry 335

Payne, A.W., see Phalp, J.M. 43
 Phalp, J.M.
 —, Payne, A.W. and Windig, W.
 The resolution of mixtures using data from automated probe mass spectrometry 43

Piela, A., see Lukaszewski, Z. 159

Qin, W., see Zhang, Z. 71

Rajaković, L.V.
—, Basic, M.B., Korenman, Y.I., Tunikova, S.A. and Bel'skikh, N.V.
Sensitivity of modified bulk acoustic waves for the detection of phenols in the vapour phase 77

Raje, N.
—, Kayasth, S. and Asari, T.P.S.
Trace element characterization of high purity gallium 211

Rakićević, N., see Mihajlović, R. 287

Ramezani, Z., see Maleki, N. 373

Rao, C.R.M.
Selective preconcentration of gallium using Muromac A-1 ion exchange column 113

Ríos, A., see Zhi, Z.-l. 187

Ritter, C.
—, Gilliard, J.A., Cumps, J. and Tilquin, B.
Corrections for heteroscedasticity in window evolving factor analysis 125

Rupérez, A., see Cabalín, L.M. 203

Rupérez, A., see Hidalgo, M. 229

Sanz Asensio, J., see Cabredo Pinillos, S. 377

Sanz Vicente, I., see Cabredo Pinillos, S. 377

Schwedt, G., see Danzer, T. 275

Segura-Carretero, A., see Cruces-Blanco, C. 357

Shearer, G., see Tarbin, J.A. 95

Shenhar, A., see Kuselman, I. 327

Silva, C.S.P.C.O., see Esteves da Silva, J.C.G. 365

Simić, Z., see Mihajlović, R. 287

Široki, M., see Marić, Lj. 345

Smith, B., see Barnett, N.W. 309

Suard, C.
—, Mourel, R.-M., Cerdan, B., Bart, G. and Feinberg, M.H.
Modeling energy transfer in a focused microwave digestor 261

Sun, F., see Korenaga, T. 195

Tarbin, J.A.
—, Farrington, W.H.H. and Shearer, G.
Determination of penicillins in animal tissues at trace residue concentrations. Part I. Determination of benzylpenicillin in milk by reversed-phase liquid chromatography with solid phase extraction and liquid chromatographic fractionation clean-up 95

Tatsuma, T.
—, Ariyama, K. and Oyama, N.
Peroxidase-incorporated hydrophilic polythiophene electrode for the determination of hydrogen peroxide in acetonitrile 297

Thunus, L.
Volammetric determination of boron in plasma using Beryllon(III) as a ligand 303

Tilquin, B., see Ritter, C. 125

Tunikova, S.A., see Rajaković, L.V. 77

Turovsky, L., see Kuselman, I. 327

Valcárcel, M., see Zhi, Z.-l. 187

Viñas, P.
—, Campillo, N., López García, I. and Hernández Córdoba, M.
Speciation of vitamin B₁₂ analogues by liquid chromatography with flame atomic absorption spectrometric detection 319

Vukašinović, M., see Mihajlović, R. 287

Wang, J.
—, Lu, J. and Farias, P.A.M.
Remote electrochemical monitoring of trace silver 151

Windig, W., see Phalp, J.M. 43

Xu, L., see Hu, C.-Y. 117

Zembrzuski, W., see Lukaszewski, Z. 159

Zeng, Y., see Huang, H. 63

Zhang, Y.
— and Dawe, R.
Effect of organic acids on the determination of carbonate species in solutions 239

Zhang, Z.
—, Qin, W. and Liu, S.
Chemiluminescence flow system for the monitoring of chromium(VI) in water 71

Zhang, Z., see Lu, J. 175

Zhang, Z., see Zhao, X. 181

Zhao, X.
—, Zhang, Z., Li, W., Jin, W. and Liu, W.
Determination of trace gallium by derivative adsorption chronopotentiometry 181

Zhi, Z.-l.
—, Ríos, A. and Valcárcel, M.
An automated flow-reversal injection/liquid-liquid extraction approach to the direct determination of total free fatty acids in olive oils 187